


CS: 0.275" ±0.006" (6.99 mm ±0.15 mm)  
ID: 8.475" ±0.055" (215.27 mm ±1.40 mm)

 <b>GLOBAL O-RING</b> and SEAL ALL-AROUND BETTER	PART NUMBER <b>A80446</b>
14450 John F. Kennedy Blvd. Houston, TX 77032 <a href="http://www.globaloring.com">www.globaloring.com</a>	Aflas 80 Duro AS568 Size 446 O-Ring
Information in this drawing is provided for reference only	

<b>Compound</b>	A80-F101	AFLAS®, Black, General Purpose
	Temperature Range (Static):	-10°C to 220°C
	Cure System:	Peroxide
	Specification:	M2HK810 A1-10 B37 B38

Compound Previously Known As: A80101

		Required Results	Typical Results
<b>Properties</b>	Hardness, (Shore A)	80±5	81
	Tensile Strength, psi(MPa)	1450(10)(min)	2772(19.11)
	Elongation, (%)	150(min)	224
	Tear Resistance, Kgf/cm (die C)		41
	Modulus at 100%, psi(Mpa)		1256(8.66)
	Modulus at 200%, psi(Mpa)		2641(18.21)
	Specific Gravity		1.62
<b>A1-10</b>	Hardness Change, pts.		0
	Tensile Strength Change, %		-20
	Elongation Change, %		-14
	Weight Change, %		-4.5
<b>A</b>	Hardness Change, pts.	+10 (max)	-1
	Tensile Strength Change, %	-25 (max)	-58
	Elongation Change, %	-25 (max)	-6
	Weight Change, %		8.4
<b>B37</b>	-	50%(plied)(max)	47
<b>B38</b>	-		50
<b>Service Liquid No. 101 Oil</b>	Hardness Change, pts.		-22
	Tensile Strength Change, %		-31
	Elongation Change, %		+22
	Volume Change, %		+24.8
<b>Mobil Jet Oil II</b>	Hardness Change, pts.		-15
	Tensile Strength Change, %		-26
	Elongation Change, %		+15
	Volume Change, %		+20
<b>ASTM Fuel C Resistance</b>	Hardness Change, pts.		-41
	Tensile Strength Change, %		-66
	Elongation Change, %		-36
	Volume Change, %		+75.9